

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	9	((method or process) with (form\$3 or mak\$3) with (spatial with modulator\$1)).ti.	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L3	30	((method or process) with (us\$3) with (spatial with modulator\$1)).ti.	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L4	36	(spatial adj (light\$1 or modulator\$1)) same actuator\$1 same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L5	163	(actuator\$1 same electrode\$1 same (reflect\$3 or mirror\$1)) and 359/291.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L6	90	wavefront adj pattern\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L7	29	(wavefront adj pattern\$1) and actuator\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L8	22078	actuator\$1 same ((height\$1 or position\$1) with (var\$4 or differ\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L9	90528	actuator\$1 and ((height\$1 or position\$1) with (var\$4 or differ\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L10	32	actuator\$1 same ((height\$1 or position\$1) with (var\$4 or differ\$4)) same wavefront\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L11	12718	actuator\$1 with ((height\$1 or position\$1) with (var\$4 or differ\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31

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L12	571	actuator\$1 with (height\$1 with differ\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L13	387	actuator\$1 with (height\$1 with different)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L14	6	actuator\$1 with (height\$1 with different) with pattern\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L15	218	(actuator\$1 or reflect\$3 or mirror\$1) with (height\$1 with different) with pattern\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L16	10	((actuator\$1 or reflect\$3 or mirror\$1) with (height\$1 with different) with pattern\$1) and "359"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L17	15774	diffract\$3 with refract\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L18	1065	diffract\$3 with refract\$3 with mirror\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L19	78	diffract\$3 with refract\$3 with mirror\$1 with wavelength\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L20	20	(diffract\$3 with refract\$3 with mirror\$1 with wavelength\$1) and "359"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L21	608	(first with order with diffraction with second) and "359"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31

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L22	364	((first with order with diffraction with second) and "359"/\$.ccls.) and mirror\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L23	251	((first with order with diffraction with second) and "359"/\$.ccls.) and mirror\$1	USPAT	OR	OFF	2007/01/18 18:31
L24	274	diffract\$4 with quarter with wavelength\$1	USPAT	OR	OFF	2007/01/18 18:31
L25	47	diffract\$4 with quarter with wavelength\$1 with mirror\$1	USPAT	OR	OFF	2007/01/18 18:31
L26	2409	(359/290,291,295,571).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L27	1579	(385/18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L28	3881	((359/290,291,295,571).CCLS.) or ((385/18).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L29	329	(actuator\$1 same electrode\$1 same (reflect\$3 or mirror\$1)) and (((359/290,291,295,571).CCLS.) or ((385/18).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L30	1	("6,549,694").PN.	USPAT; USOCR	OR	OFF	2007/01/18 18:31
L31	3	(("5735026") or ("5862002") or ("6059416")).PN.	USPAT; USOCR	OR	OFF	2007/01/18 18:31
L32	329	(actuator\$1 same electrode\$1 same (reflect\$3 or mirror\$1)) and (((359/290,291,295,571).CCLS.) or ((385/18).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L33	1624	(PZT or zirconate) with actuator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31

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L34	63	(PZT or zirconate) with actuator with (contract\$3 or expand\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L35	29	(PZT or zirconate) with actuator with (contract\$3 with expand\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L36	0	(PZT or zirconate) with contract\$3 with expand\$3 with spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L37	0	((PZT or zirconate) with contract\$3 with expand\$3) same spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L38	7	((PZT or zirconate) with contract\$3 with expand\$3) same (modulator\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L39	1	"20050046921"	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L40	1	L39 and waveform	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L41	1	L39 and waveform\$1	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L42	0	L39 and (individual\$2 with modulat\$3)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L43	1	L39 and (individual\$2)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L44	1	"20050046921"	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L45	1	L44 and piston\$	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L46	1	L44 and (insulating with layer\$1)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L47	110	(359/323).CCLS.	USPAT; USOCR	OR	OFF	2007/01/18 18:31
L48	1	L44 and pzt	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L49	1	("6249370").PN.	USPAT; USOCR	OR	OFF	2007/01/18 18:31

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L50	0	L49 and pzt	USPAT	OR	OFF	2007/01/18 18:31
L51	0	L49 and plzt	USPAT	OR	OFF	2007/01/18 18:31
L52	1102	modulator\$1 with individual\$5 with control\$4	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L53	3	L52 and (jack with dinh)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L54	2201	modulator\$1 same (individual\$5 with control\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L55	3	L54 and (jack with dinh)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L56	63	modulator\$1 and (jack with dinh)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L57	70	modulator\$1 and (benedicto)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L58	1	("6856449").PN.	USPAT; USOCR	OR	OFF	2007/01/18 18:31
L59	80	modulator\$1 same (reflect\$3 with curve)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L60	22	modulator\$1 with (reflect\$3 with curve)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L61	27	modulator\$1 with (curve\$1 adj mirror\$1)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L62	235	(jack with dinh)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L63	1	L62 and ((one with two with degree\$1).clm.)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L64	15	(insulating adj layer\$1) with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L65	53	(insulat\$3 with layer\$1) with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L66	31	L65 and @ad<="20030829"	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L67	0	modulator and (insulat\$3 with layer\$1 with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L68	0	modulator and (insulat\$3 with layer\$1 with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31

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L69	79	(insulat\$3 with layer\$1 with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L70	31	L69 and @ad<="20030829"	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L71	51	L69 and @ad<="20030829"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L72	3881	((359/290,291,295,571).CCLS.) or ((385/18).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L73	960	L72 and @pd>="20050701"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 18:31
L74	1	"20050046921"	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L75	1	L74 and (four with direction\$1)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L76	1	L74 and (four)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L77	1	L74 and (two)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L78	0	L74 and (dimension\$2)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L79	0	L74 and (two with dimension\$2 with array\$1)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31
L80	0	L74 and (two with dimension\$2)	US-PGPUB; USPAT	OR	OFF	2007/01/18 18:31